model name: damp_ratio_full_allpops
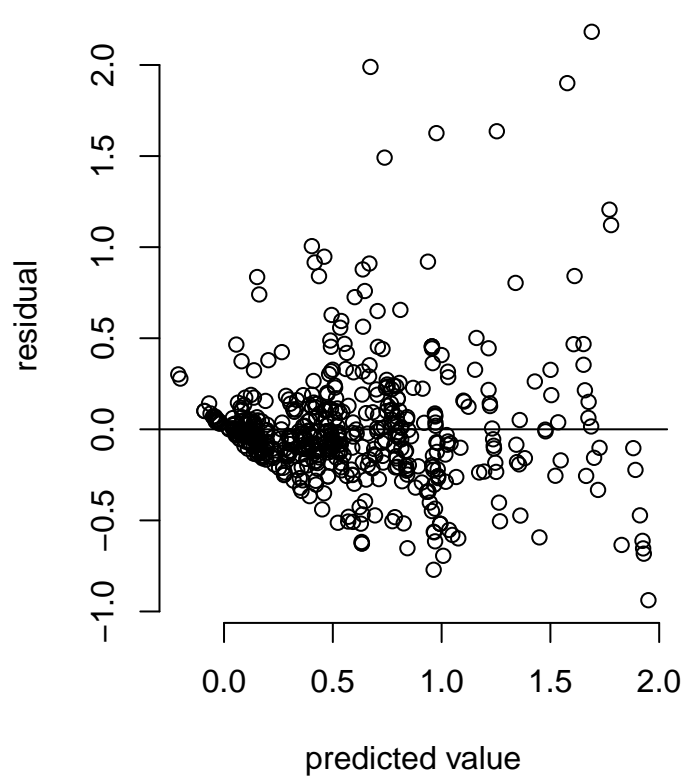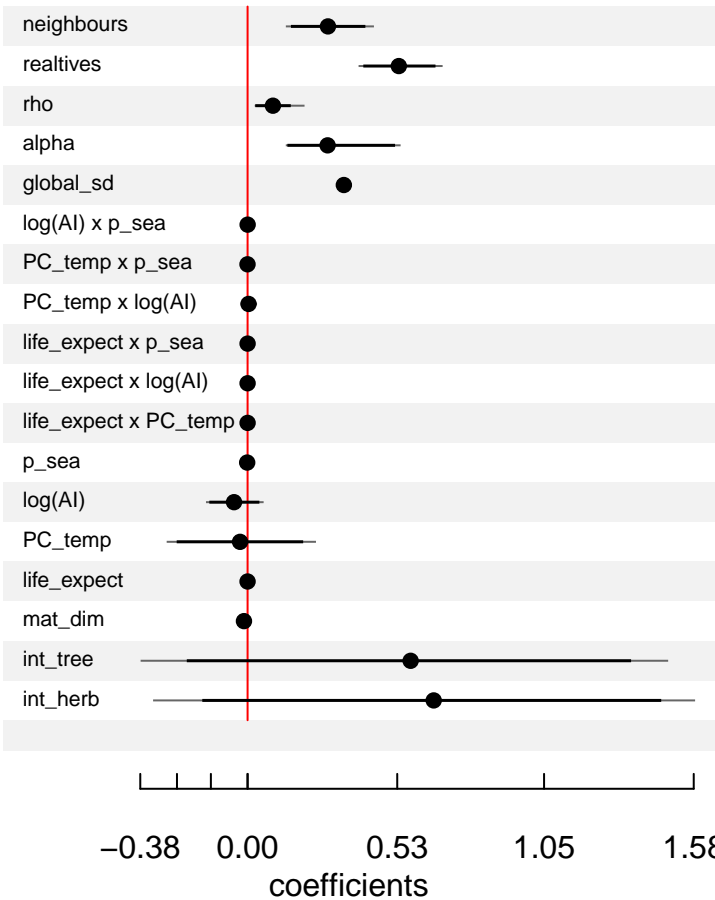
DIC: 396.404

Bp_value: 0.499

pD: 20.237

Mean residual vs mean fitted value

Observed vs predicted (95%CI)

R squared
n = 1500

Predictor

neighbours
realtives
rho
alpha
global_sd
log(AI) x p_sea
PC_temp x p_sea
PC_temp x log(AI)
life_expect x p_sea
life_expect x log(AI)
life_expect x PC_temp
p_sea
log(AI)
PC_temp
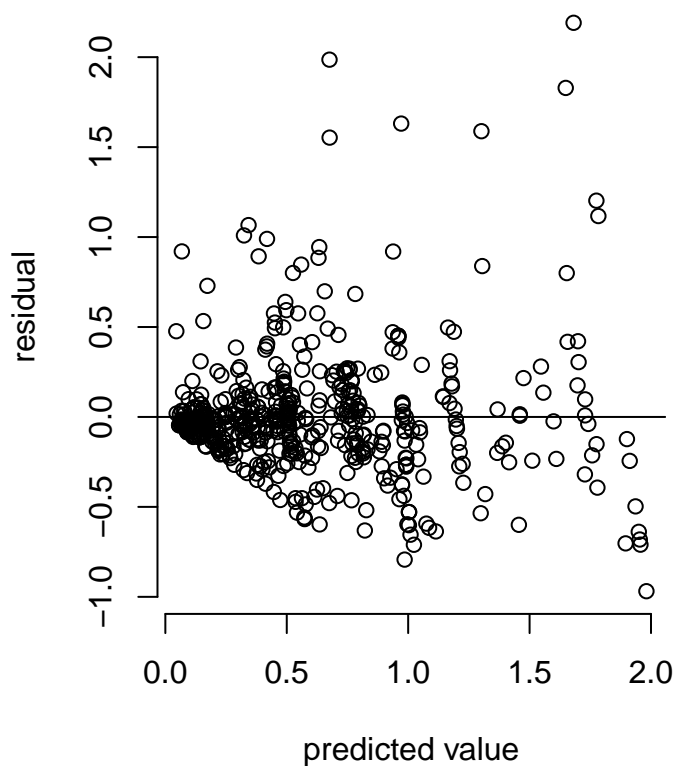life_expect
mat_dim
int_tree
int_herb

coefficients

model name: damp_ratio_nofixed_allpops

DIC: 387.716

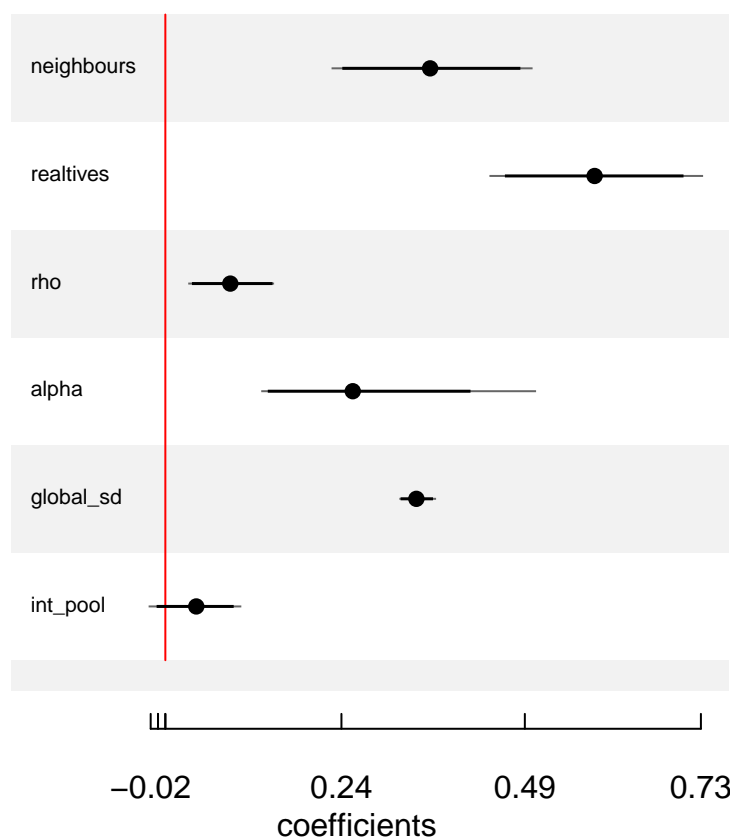Bp_value: 0.475

pD: 6.229

Mean residual vs mean fitted value

residual

predicted value

Observed vs predicted (95%CI)

predicted

observed

R squared
n = 1500

Density

R^2

Predictor

neighbours

realtives

rho

alpha
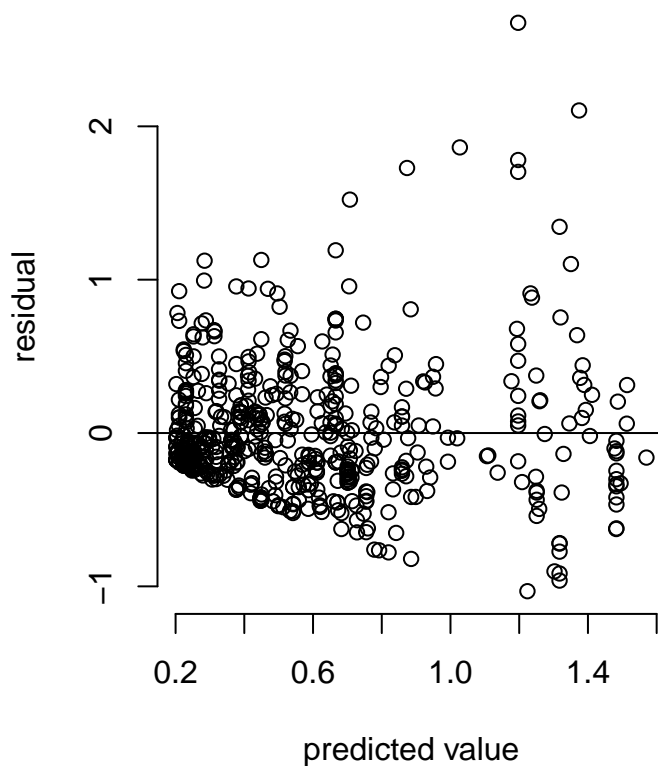
global_sd

int_pool

coefficients
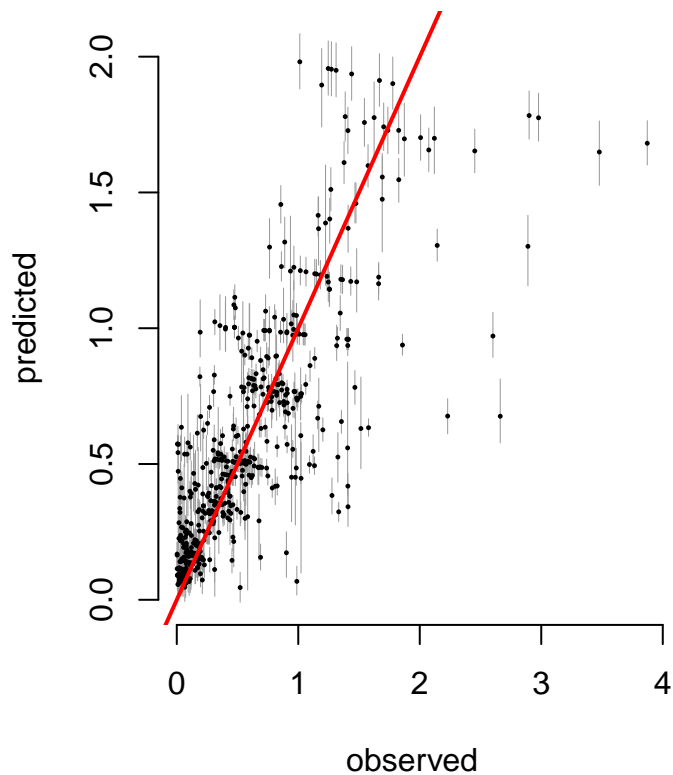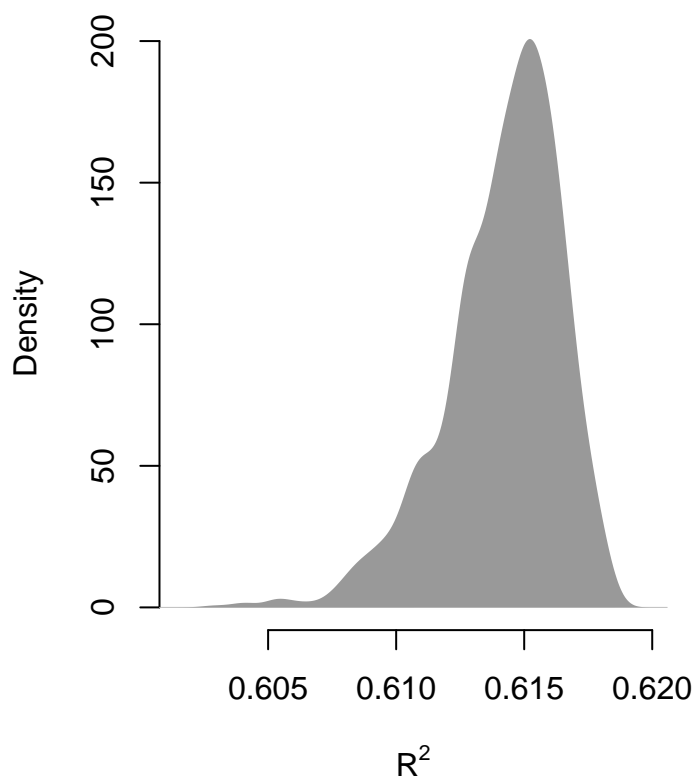
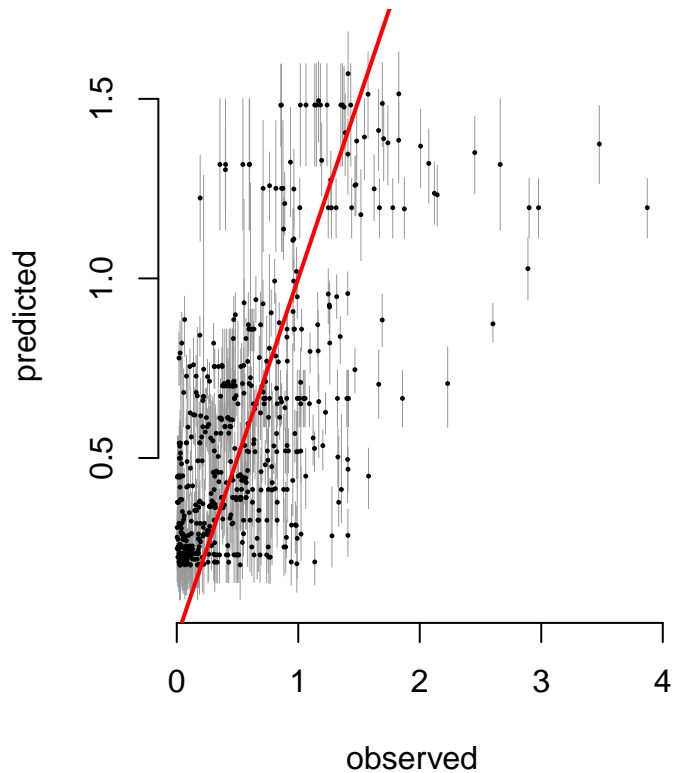model name: damping_ratio_nofixed_noself DIC: 632.943
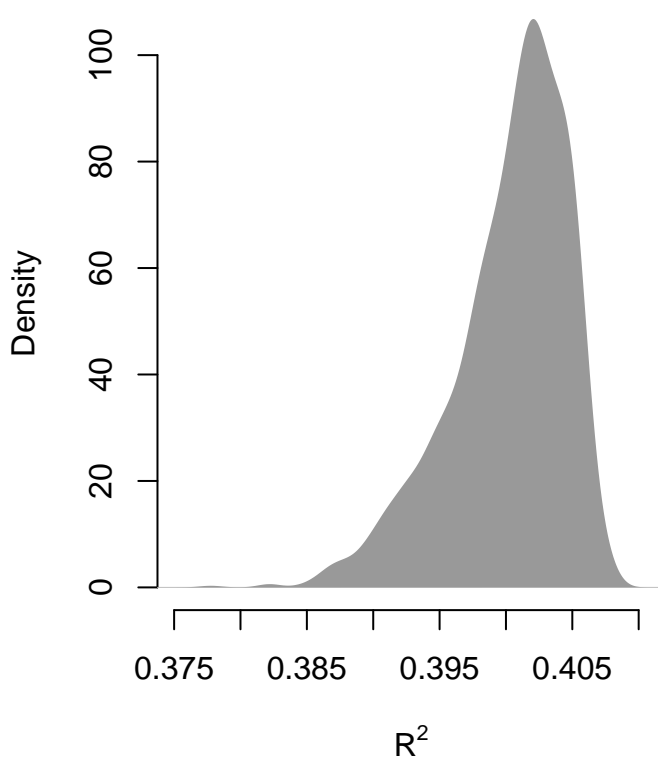
Bp_value: 0.501 pD: 8.877

Mean residual vs mean fitted value
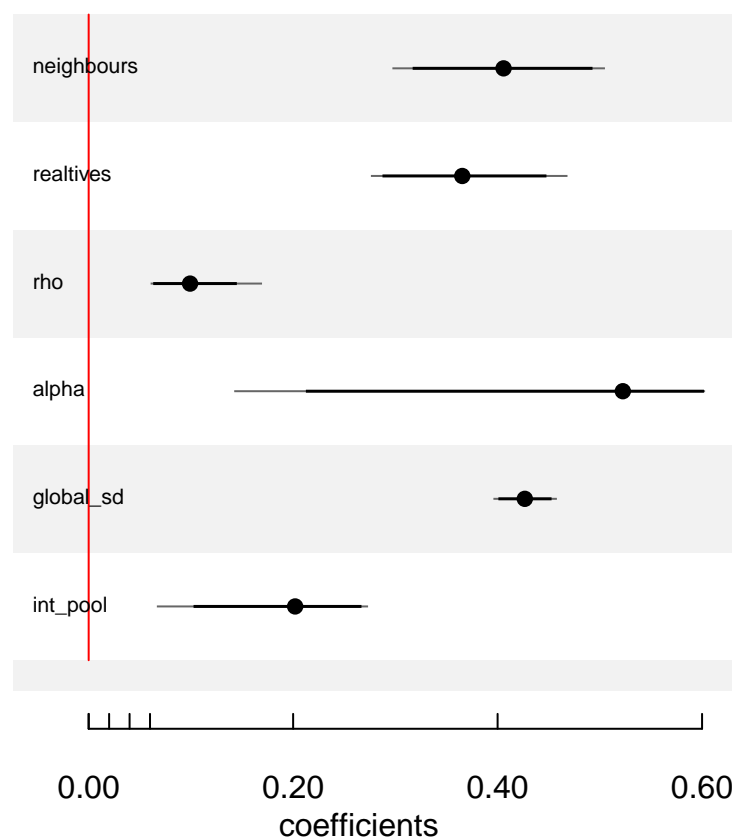
Observed vs predicted (95%CI)

**R squared
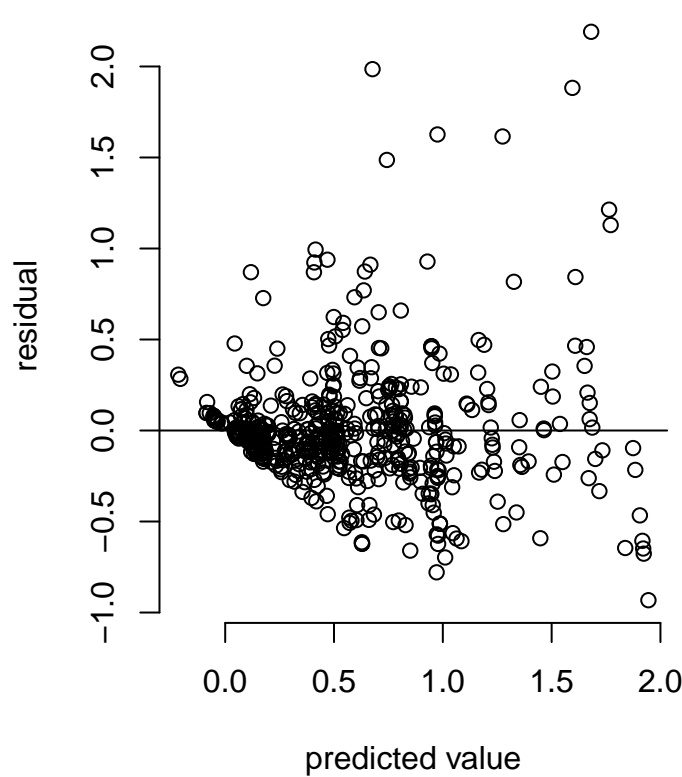n = 1500**

Predictor

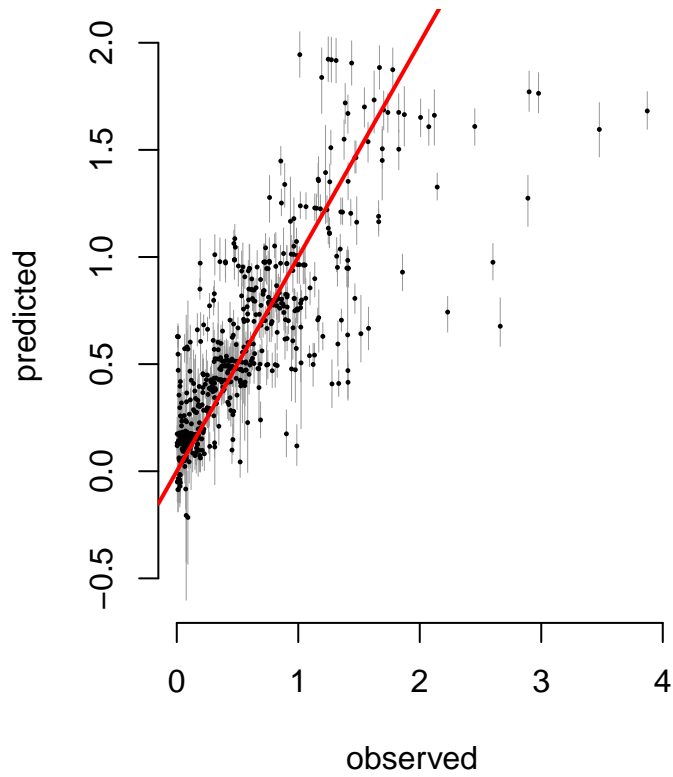model name: damp_ratio_noint_allpops   DIC: 385.087
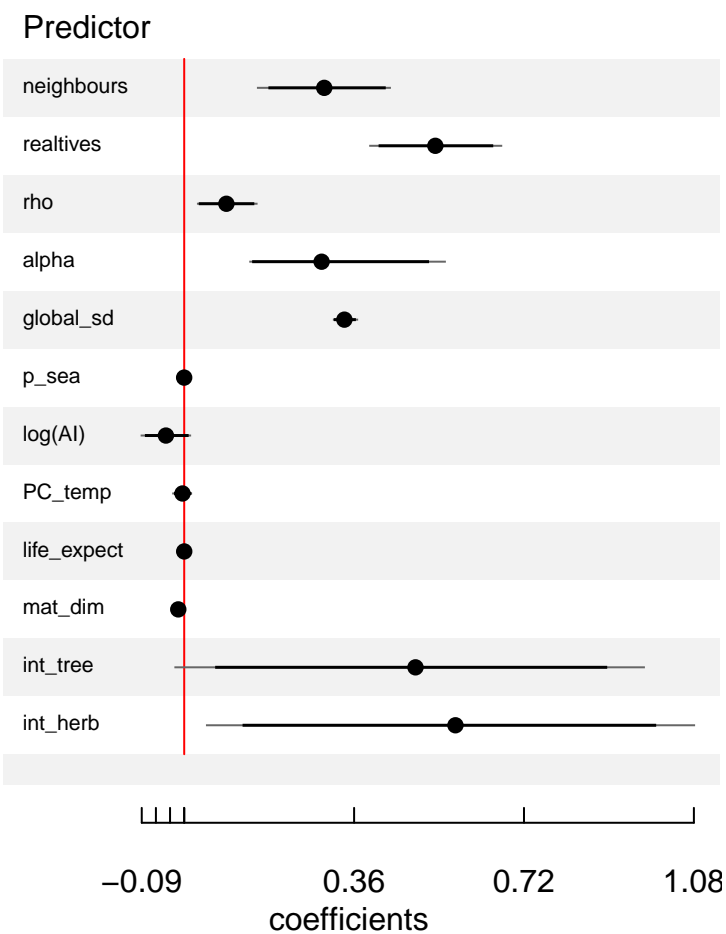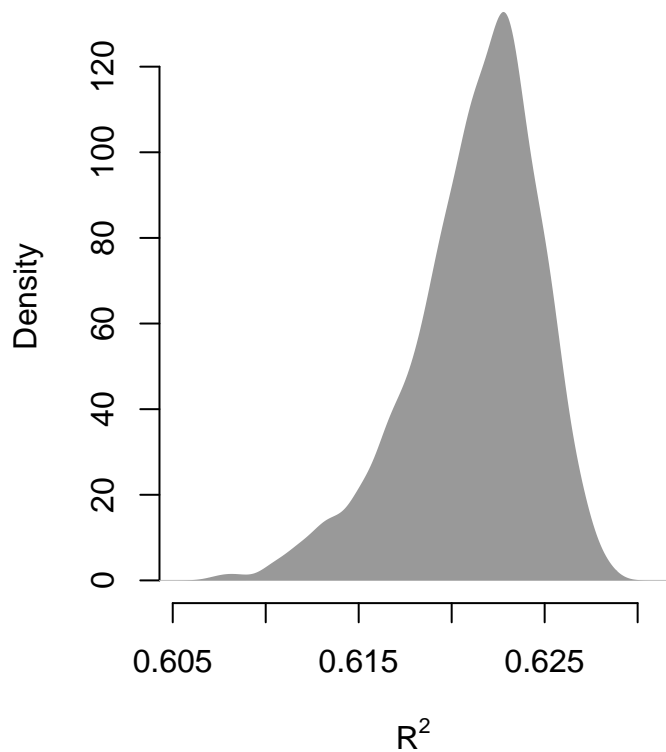
Bp_value: 0.518   pD: 13.697

Mean residual vs mean fitted value

Observed vs predicted (95%CI)
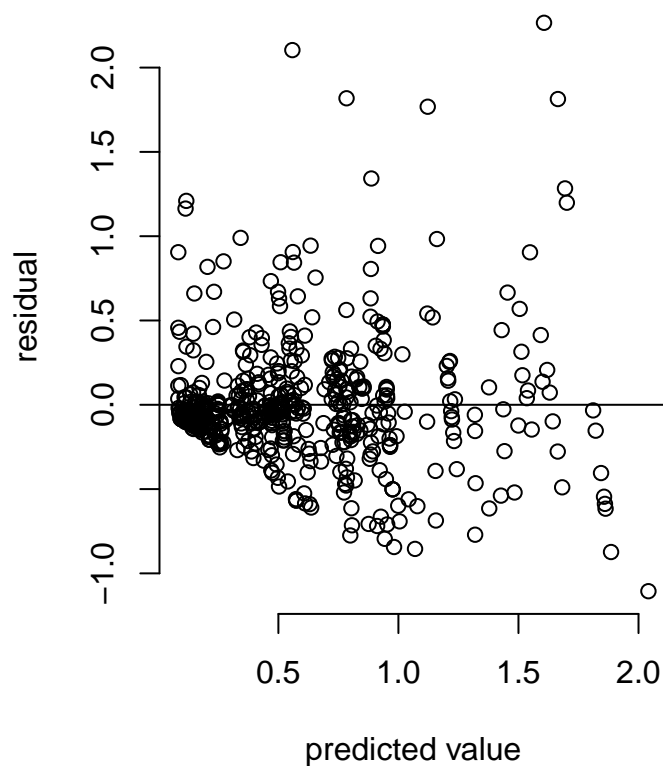
R squared
n = 1500

Predictor

model name: damp_ratio_onlygeo_allpops
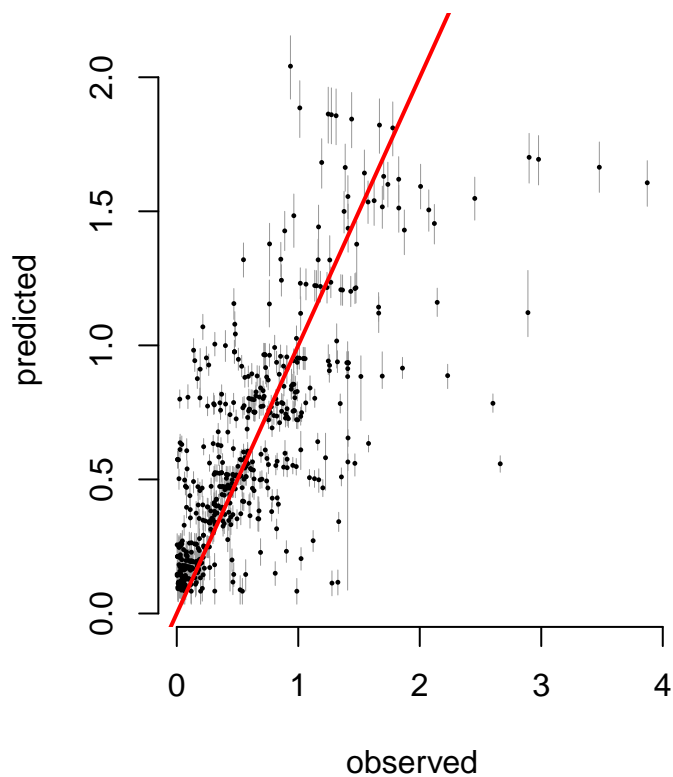
DIC: 475.149
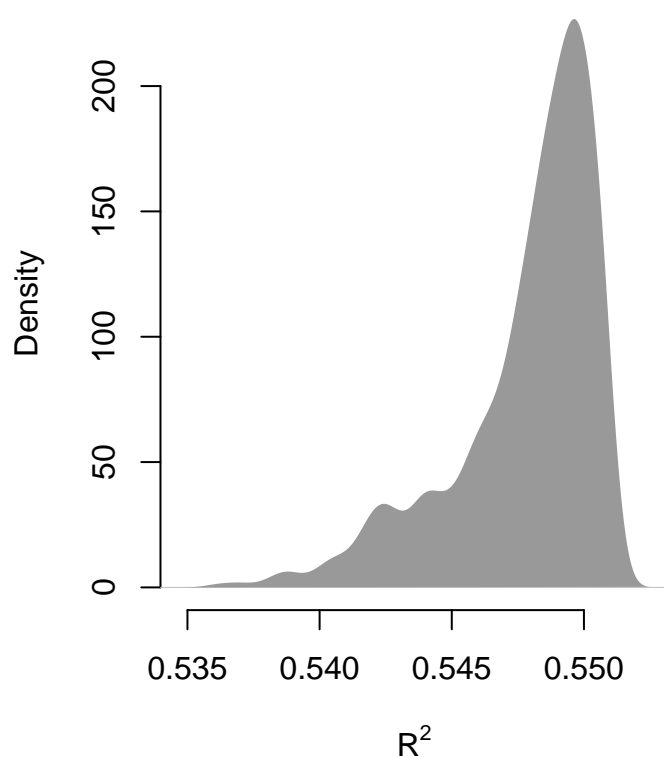
Bp_value: 0.51

pD: 6.363
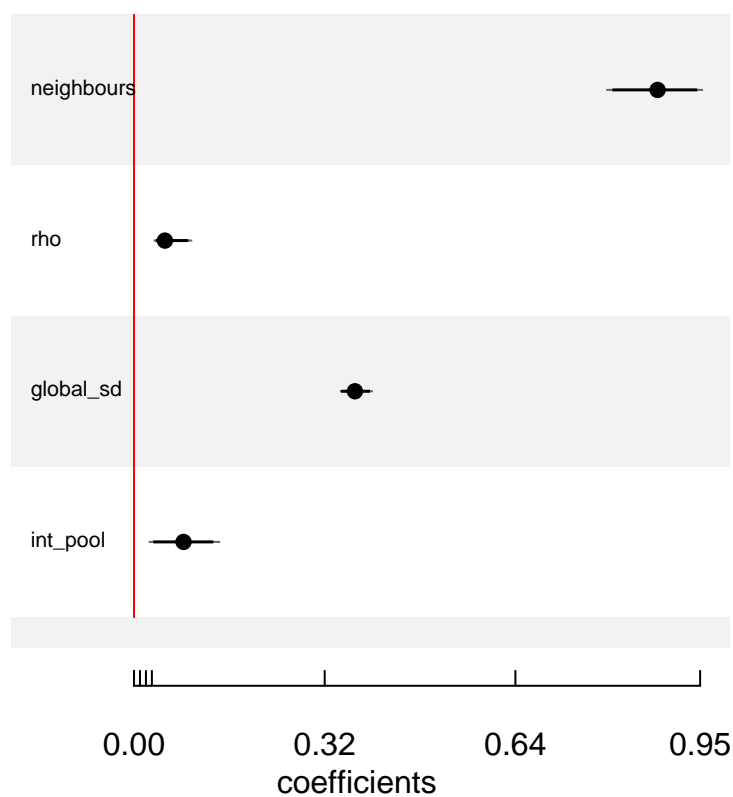

Mean residual vs mean fitted value

Observed vs predicted (95%CI)

R squared
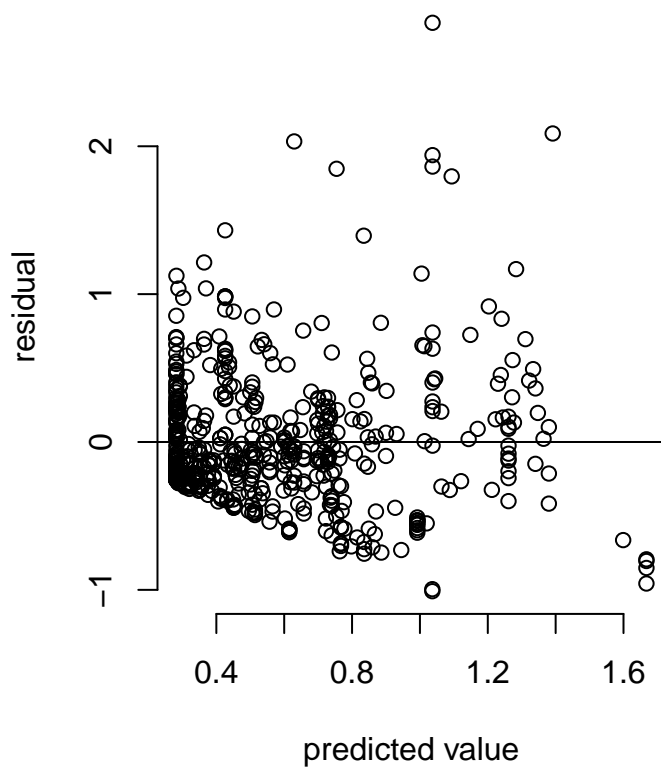**n = 1500**

Predictor

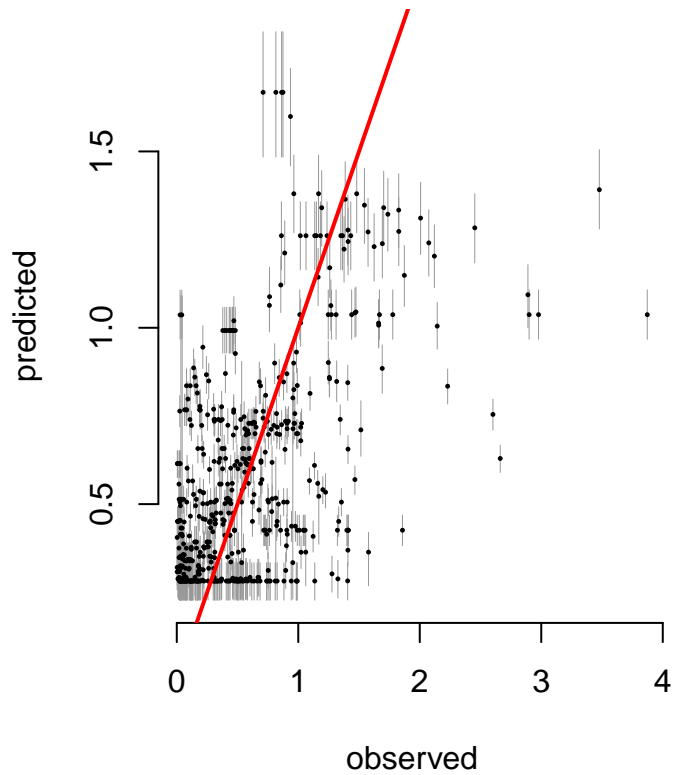model name: damp_ratio_onlygeo_noself   DIC: 711.927
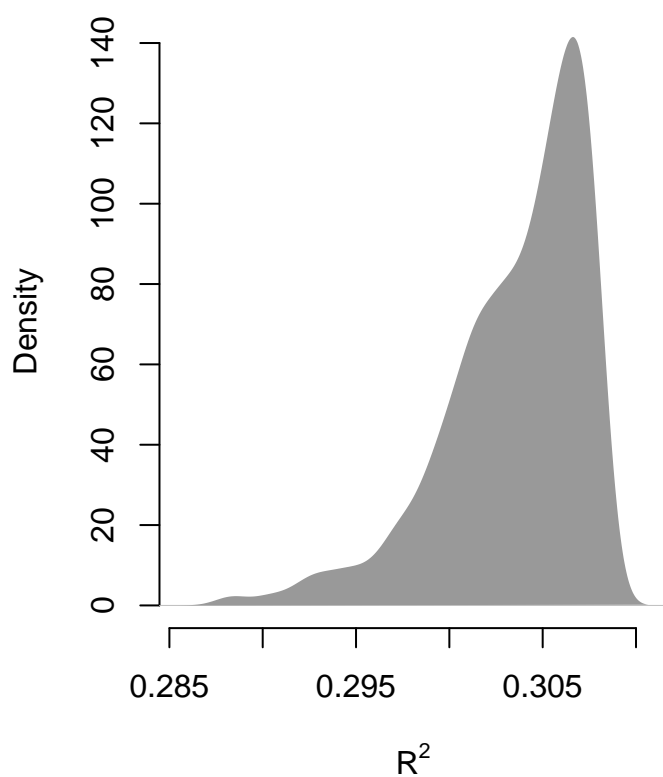
Bp_value: 0.511   pD: 5.578

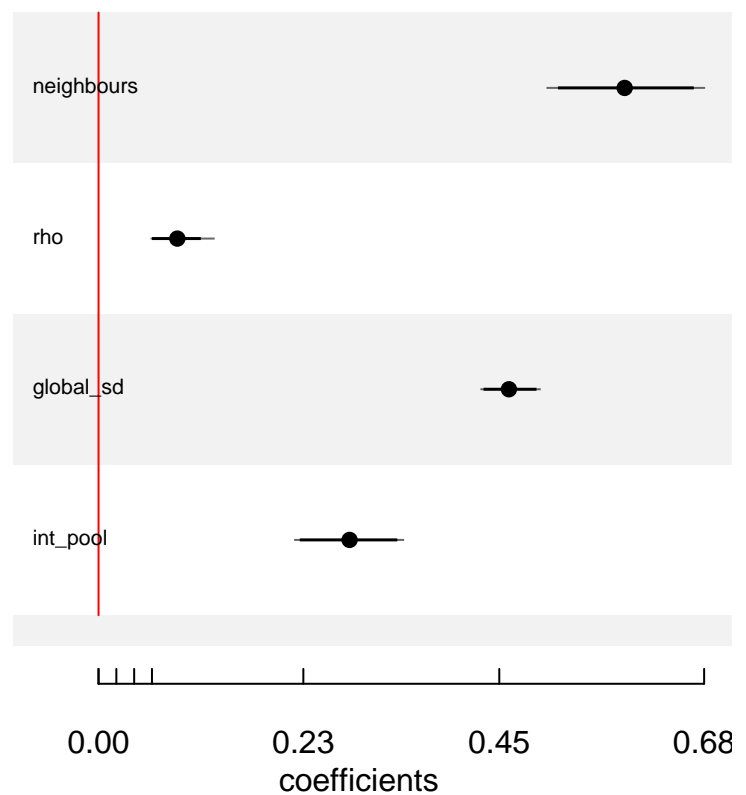## **Mean residual vs mean fitted value**

Observed vs predicted (95%CI)

R squared
n = 1500

Predictor

model name: damp_ratio_onlyphy_allpops   DIC: 420.718

Bp_value: 0.507   pD: 5.497
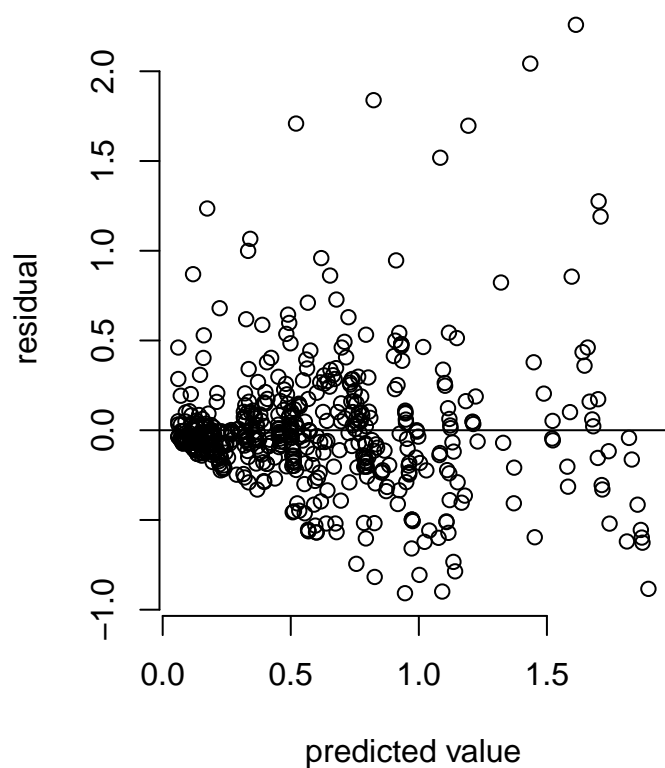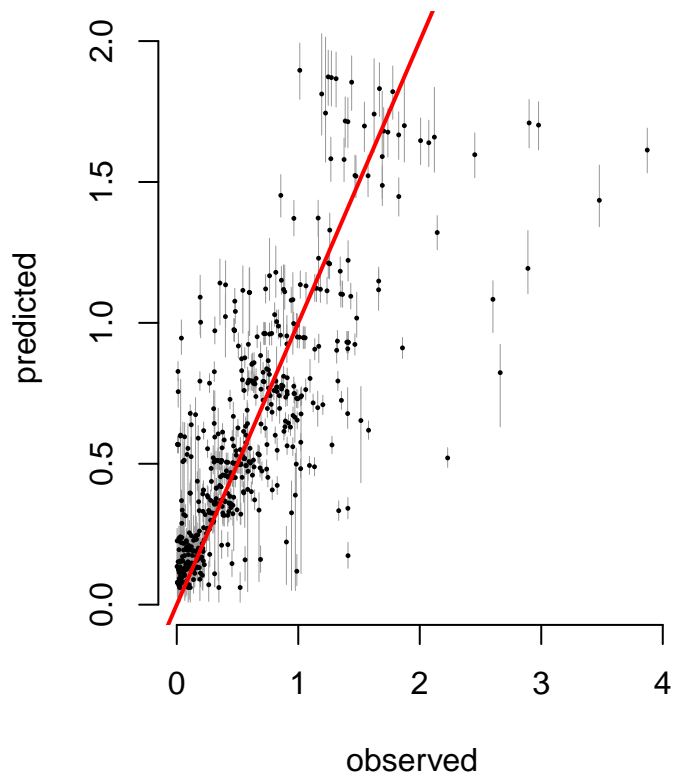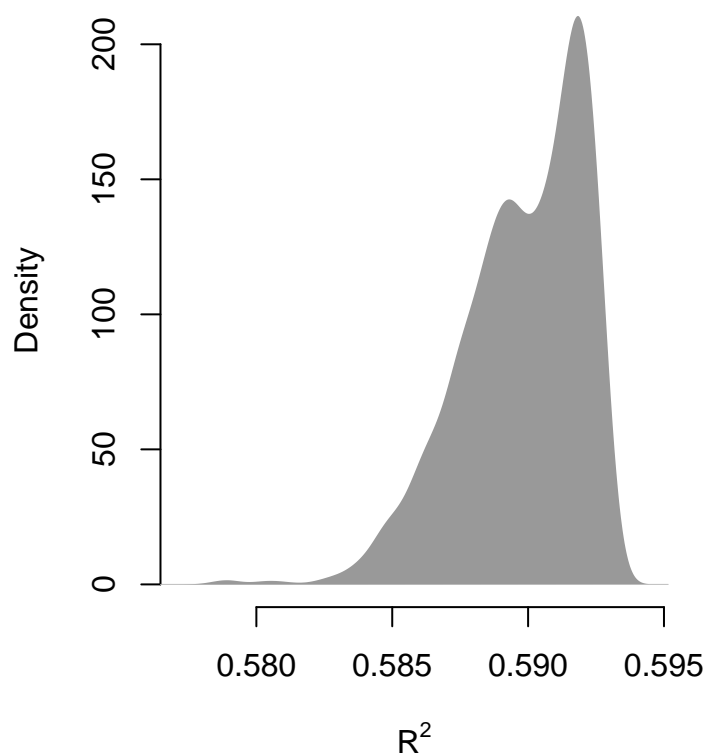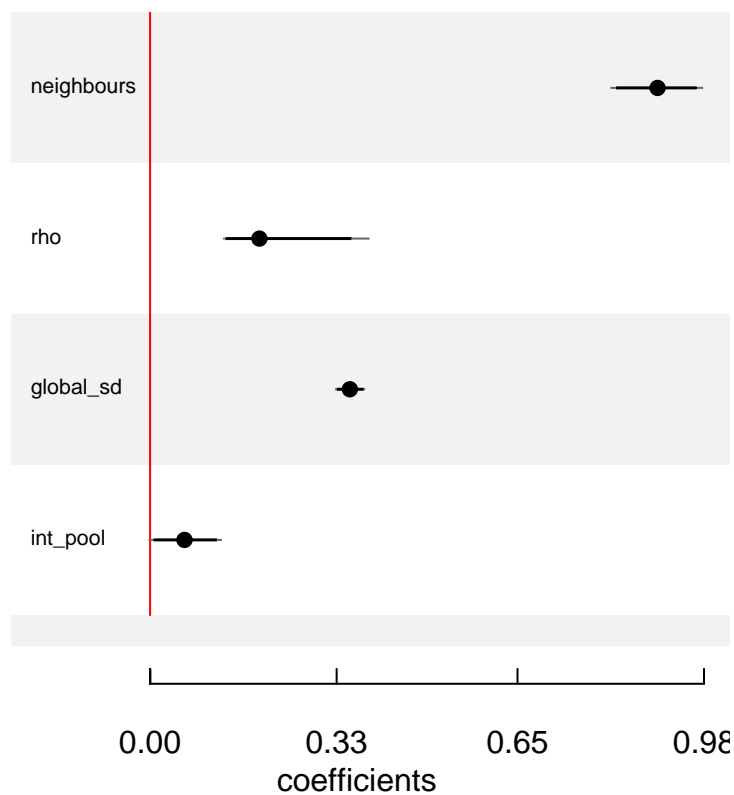
model name: damp_ratio_onlyphy_noself   DIC: 716.163

Bp_value: 0.498   pD: 3.401

Mean residual vs mean fitted value   **Observed vs predicted (95%CI)**

R squared
n = 1500

Predictor